



Natural Resource Engineer 2

Olympic Region

Recruitment # 2006-11-3189

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands.

At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Job Classification:

Natural Resource Engineer 2 (NRE2)

This position may be offered at a lower level

Type of Position:

This is a permanent full-time position.

This position is represented by the WPEA. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range:

\$3,450- \$4,421

Benefits Package:

Health and dental insurance, retirement pension, vacation, sick leave and holidays

Posting Date:

November 3, 2006

Closing Date:

Open until filled

Location:

Olympic Region, Coast District – Forks, WA

POSITION PROFILE

This position is responsible for:

- Consulting with the District Engineer and District Foresters on engineering aspects of harvesting and transportation systems; includes exploration of alternatives, benefit/cost analysis and solution of site-specific problems.
- Administering timber sale and public works construction contracts, including conformance to specifications and adherence to environmental protection and laws.
- Estimating logging road and public works contract costs, including volume estimates, rock pit development costs and equipment and material costs.
- Assessing road maintenance or abandonment needs – setting up and administration of projects done by DNR crews and/or public works contracts or timber sales.
- Providing technical expertise to foresters for road maintenance and abandonment projects.
- Assessing and designing site-specific plans for stream crossing structures.
- Creating timber sale road plans, designs and rock source development plans.

REQUIRED POSITION QUALIFICATIONS

- Forest Engineering principles, techniques and application such as: logging systems, harvest system design and road transportation design.
- Knowledge of Washington State forest practices standards and laws.
- Knowledge of contract administration/construction management and compliance.
- Knowledge of hydraulic structure design, soil mechanics and basic retaining wall/slope stability structure design.
- Use of industry standard, engineering equipment and software.

This level of knowledge and skill is typically achieved with:

- A Bachelor's degree in Forest Engineering and,
- One year of Forest Engineering experience.

DESIRED POSITION QUALIFICATIONS

- A Bachelor's degree in Forest Engineering
- Registration as an Engineer-in Training
- Registration as a Professional Forest Engineer or Civil Engineer in the State of Washington or another State based on registration requirements equivalent to those in Washington.
- Demonstrated proficiency in basic survey procedures and use of equipment to collect and process field data for design, construction and costing of engineering projects (such as compass, theodolite/transit and level).
- Demonstrated ability to prepare detailed and accurate descriptions, contracts, cost sheets, etc. for engineering projects.
- The ability to communicate effectively in verbal and written context.
- The ability to work independently and as a working team member.
- Familiar with the use of forest engineering tools and software programs (such as GPS, laser measuring devices; CAD, RoadEng, Traverse PC and ArcGis software).
- Demonstrated proficiency in road design procedures

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- The ability to perform arduous work independently/team member while traversing steep, rugged terrain under a full spectrum of environmental conditions using forest engineering tools.
- The ability to operate a pickup sized vehicle in mountainous road systems and other tools as assigned.
- Assignments may include working with inmate crews performing silviculture work in the region
- Must have a valid driver's license and two years driving experience
- Must be at least 18 years of age at the time of hire

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position, please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your letter of interest how you learned of this opportunity.
- A completed state job application – www.dnr.wa.gov/jobs/stateapp.doc
- A resume (Include past employment history and work experience, and three (3) references
- **Note:** Finalists may be requested to provide a five (5) year driving abstract at the time of the interview

The first screening will be based on information contained in your letter of interest, resume, and state application.

Submit all materials by the closing date to:

Electronic method preferred	Mailing address
olympicregionjobs@wadnr.gov	Cindy Sanders; Human Resources DNR Olympic Region 411 Tillicum Lane Forks, WA 98331

NOTE: Please indicate **NRE2**, and recruitment **#2006-11-3189** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Jim Closner at (360)374-6131 or e-mail at james.closner@wadnr.gov.

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